

REMARKS

Claims 1-17 are presently pending in the application. Claim 11 has been amended to correct a typographical error. Applicant specifically states that the amendment should not be construed as a disclaimer of any interest in or right to an equivalent of any element or feature of the amended claim.

Claims 1 and 3-17 have been rejected 35 U.S.C. §102(e) as being anticipated by Rune, et al., U.S. Patent No. 6,643,511. This rejection is respectfully traversed.

The claimed invention is directed to a mobile communication system and to a current location information matching method for a mobile communication system. The mobile communication system includes a mobile station; a radio network for radio transmission and reception to and from the mobile station; a home location register for managing, through a mobile services-switching center, current location information representative of a current location of the mobile station in a public telephone network; a home agent for managing, through a packet gateway, current location information representative of a current location of the mobile station in a packet data communication network; and a communication channel connecting the home location register and the home agent to each other for transmission of update contents for the current location information managed by the home location register and the home agent.

An exemplary embodiment of the method includes connecting the home location register and the home agent to each other through a communication channel; in the home location register, updating the current location information of the mobile station in the public telephone network in response to a current location report transmitted from the mobile station

to the radio network during mobile communication on the public telephone network, and providing updated location information through the communication channel to the home agent; and in the home agent, updating the current location information of the mobile station in the packet data communication network in response to a current location report transmitted from the mobile station to said radio network during packet data communication, and providing updated location information through the communication channel to the home location register.

In the system and the method, current location information about the mobile station is managed with respect to both the public telephone network and the packet data communication network.

Rune, et al. concerns administration of regional subscription restriction in a network. A mobile terminal is registered in a home location register within a home public land mobile network (HPLMN). When the mobile terminal roams to a visited public land mobile network and makes a call, a mobile switching center in the visited public land mobile network contacts the home location register for information as to the mobile terminal, such as whether it is to be permitted to make calls from outside the home public land mobile network. The home location register notes the location of the mobile terminal as being within the visited public land mobile network and provides the requested information to a visitor location register in the visited public land mobile network. If the mobile terminal is permitted to make calls while roaming outside its home public land mobile network, the call is connected.

Rune, et al. are concerned with the location of the mobile terminal in only one network. When the mobile terminal has roamed, that network is the visited public land

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mobile network. When the mobile terminal is not roamed, that network is the home public land mobile network. In either event, the location in only one network is determined. Thus, the Examiner's reliance on column 3, lines 66-67, column 4, lines 33-39, and column 5, lines 43-46 of Rune is misplaced.

The independent claims bring out that the system and the method involve the location of the mobile station in both the public telephone network and the packet data communication network. Thus, the claims distinguish patentably from Rune, et al.

In view of the foregoing, Applicant submits that claims 1-17, all the claims presently pending in the application, are patentably distinct over the prior art of record and are allowable, and that the application is in condition for allowance. Such action would be appreciated.

Should the Examiner find the application to be other than in condition for allowance, the Examiner is requested to contact the undersigned attorney at the local telephone number listed below to discuss any other changes deemed necessary for allowance in a telephonic or personal interview.

To the extent necessary, Applicant petitions for an extension of time under 37 CFR §1.136. The Commissioner is authorized to charge any deficiency in fees, including

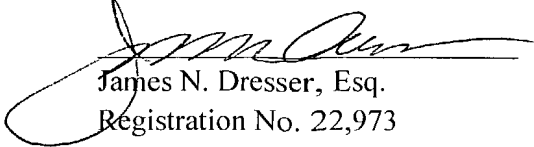
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extension of time fees, or to credit any overpayment in fees to Attorney's Deposit Account
No. 50-0481.

Respectfully Submitted,

Date:

November 24, 2004


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